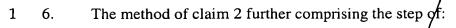
## WHAT IS CLAIMED IS:

A method for context-aware computer management comprising the steps of: assigning database information a plurality of clearance levels;

- assigning each smart badge within a set of visible smart badges one of the
- 4 clearance levels;
- 5 identifying smart badges having a lowest clearance level; and
- 6 providing access to database information having clearance levels no higher than
- 7 the lowest clearance level.
- 1 2. The method of claim 1 further comprising the step of:
- 2 updating the set of visible smart badges in response to a change in smart badge
- 3 visibility status.
- 1 3. The method of claim 2 further comprising the step of:
- 2 recalculating the lowest clearance level in response to the change in smart badge
- 3 visibility status.
- 1 4. The method of claim 2 further comprising the step of:
- 2 recording the smart badge visibility status of each smart badge within an activity
- 3 log.
- 1 5. The method of claim 1 wherein the providing step includes the step of:
- 2 providing access to the database information to smart badge wearers assigned to
- 3 the smart badges.



- 2 preventing access to the database when the smart padge visibility status is set to
- 3 invisible for a predetermined timeout.
- 1 7. The method of claim 1 further comprising the step of:
- writing data items to the smart badges.
- 1 8. The method of claim 7 further comprising the step of:
- 2 pre-reading the data item from the mart badge during idle periods.
- 1 9. The method of claim 1 further/comprising the step of
- defining a badge removal confidence level indicating whether each smart badge
- 3 has been continuously worn by corresponding assigned smart badge wearers.
- 1 10. The method of claim 1 further comprising the steps of:
- 2 assigning an expiration period to each of the smart badges; and
- de-authenticating and erasing all data stored on a smart badge whose expiration
- 4 period has been exceeded.
- 1 11. The method of  $\phi$  laim 1 wherein the assigning each smart badge step includes the
- 2 step of:
- 3 configuring a predetermined smart badge visibility range.

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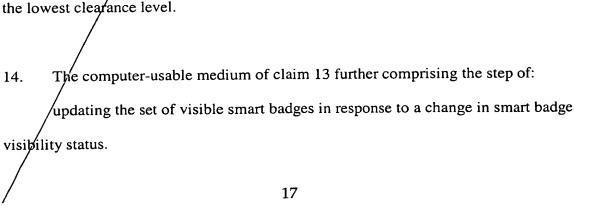
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clearance levels;



providing access to database information having clearance levels no higher than

identifying smart badges having a lowest clearance level; and

A method for context-aware computer management comprising the steps of:

assigning each smart badge within a set of visible smart badges one of the

assigning database information a plurality of clearance levels;

- 1 15. The computer-usable medium of claim 14 further comprising the step of:
- 2 recalculating the lowest clearance level in response to the change in smart badge
- 3 visibility status.
- 1 16. The computer-usable medium of claim 13 wherein the providing step includes the
- 2 step of:
- 3 providing access to the database information to smart badge wearers assigned to
- 4 the smart badges.
- 1 17. The computer-usable medium of claim/14 further comprising the step of:
- 2 preventing access to the database when the smart badge visibility status is set to
- 3 invisible for a predetermined timeout.
- 1 18. The computer-usable medium of claim 13 further comprising the step of
- defining a badge removal confidence level indicating whether each smart badge
- 3 has been continuously worn by corresponding assigned smart badge wearers.
- 1 19. The computer-visable medium of claim 13 further comprising the steps of:
- assigning an expiration period to each of the smart badges; and
- de-authenticating and erasing all data stored on a smart badge whose expiration
- 4 period has been exceeded.
- 1 20. A system for context-aware computer management comprising:

a wide angle AF beacon.

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- 1 23. The system of claim 21, further comprising:
- a second diffuse IR beacon, coupled to the service module, limited to detecting
- 3 smart badges within a workroom.
- 1 24. The system of claim 21, wherein the smart badges include:
- 2 biometric sensors for detecting when a smart badge has been removed from an
- 3 assigned smart badge wearer.
- 1 25. The system of claim 21, wherein the service module defines a smart badge
- 2 visibility status, and recalculates the lowest clearance level in response to a change in the
- 3 visibility status.

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- 1 26. The system of claim 21, wherein the application logs smart badge wearers
- 2 assigned to visible smart badges onto a computer.